DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. CISCP086

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: DATA TRANSMISSION OVER MULTIPLE UPSTREAM CHANNELS WITHIN A CABLE MODEM SYSTEM the specification of which,

(check one)	1.	is attached hereto.			
		was filed on U.S. Application No and was amended on			
그 니 니 Intereby state that	I have reviewed	was filed on International PCT Applicate and was amended on I and understand the content	on No	·	ding the claims, as
37, CFR § 1.56.	duty to disclose	information which is mater	ial to the examination of th	is application in acc	ordance with Title
for patent or invent than the United St	eign priority bene tor's certificate, tates, listed belo	efits under Title 35, United or § 365(a) of any PCT Int ow and have identified bel- mational application having	ernational application which ow, by checking the box,	n designated at leas any foreign applica	t one country other ation for patent or
cianned.				Priority Ben Yes No	efits Claimed?
(Application No.)		(Country)	(Filing Date)		
(Application No.)		(Country)	(Filing Date)	Yes No	
Provisional Applic	cation(s)				
I hereby claim the l	benefit under 35	U.S.C. §119(e) of any Unite	ed States provisional applica	tion(s) listed below	:
(Application No.)		(Filing Date)			
(Application No.)		(Filing Date)			

Atty. Dkt. No.: CISCP086

(Revised 3/29/99)

Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)		(Filing Date)	(Status - patented, pending, abandoned)				
(Application No.)		(Filing Date)	(Status - patented, pending, abandoned)				
Power of Attorn	ney						
	rincipal att	tw firm of Beyer & Weaver, LLP and a torneys to prosecute this application and					
Pirect Correspondence To:		Customer Number BEYER & WEAVER P.O. Box 61059 Palo Alto, CA 943	Box 61059 UZZ43				
Direct Telephor	ne Calls To	e: Mary R. Olynick at t	Mary R. Olynick at telephone number (650) 493-2100				
I hereby declare belief are believe like so made are	ed to be tru punishable e statement	tements made herein of my own knowle; and further that these statements were by fine or imprisonment, or both, und s may jeopardize the validity of the app	e made with the er section 1001	knowledge that will of Title 18 of the U	ful false statements and the inited States Code, and that		
Sole or First Inv		Glenn E. Lee	Ci	tizenship:	US		
Inventor's signa	ature: _	She E Lu	D:	nte of Signature:	6/8/99		
Residence:	(City)	Fremont	(S	tate/Country)	CA/US		
Post Office Address: 4463		44639 Parkmeadow Drive, Fre	9 Parkmeadow Drive, Fremont, CA 94539				
Full Name of Se Inventor (if any)	: .	Patrick S. King		tizenship:	US		
Inventor's signature:			Da	ite of Signature:			
Residence:	(City)	Stow	(S	tate/Country)	CA/US		

Atty. Dkt. No.: CISCP086

Post Office Address:

(Revised 3/29/99)

39 Farm Road, Stow, Mass, 01775

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(check one)	1.	is attached hereto.				
	2.	was filed on U.S. Application No and was amended on				
	3.	was filed on International PCT Applicate and was amended on	on No			
		d and understand the contented to above.	nts of the above-identified	specification,	including	the claims, as
$\overline{\Gamma}$ acknowledge the $_{13}$ 7, CFR § 1.56.	duty to disclose	information which is mater	ial to the examination of th	is application	in accorda	nce with Title
□ ∄rior Foreign Ap	plication(s)					
for patent or inverthan the United S	ntor's certificate, States, listed bel	efits under Title 35, United or § 365(a) of any PCT Int ow and have identified bel- rnational application having	ernational application which	h designated a any foreign a	t least one application	country other for patent or
claimed:					y Benefits (Claimed?
(Application No.)		(Country)	(Filing Date)	res_	_ NO	
				Yes _	_ No	
(Application No.)		(Country)	(Filing Date)			
Provisional Appli	cation(s)					
I hereby claim the	benefit under 35	U.S.C. §119(e) of any Unite	ed States provisional applica	ation(s) listed	pelow:	
(Application No.)		(Filing Date)				
(Application No.)						

Atty. Dkt. No.: CISCP086

(Revised 3/29/99)

Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)	(Filing Date)	(Status - nate	(Status - patented, pending, abandoned)				
(Application 100.)	(Timg Dute)	(Status part	med, pending, i	<i>loundoned</i>			
(Application No.)	(Filing Date)	(Status - pate	(Status - patented, pending, abandoned)				
Power of Attorney							
And I hereby appoint the law firm of Bey 022434 as my principal attorneys to proconnected therewith.							
Direct Correspondence To: ロ い い コ	Customer Number: 022434 BEYER & WEAVER, LLP P.O. Box 61059 Palo Alto, CA 94306		O22434 PATENT TRADEMARK OFFICE				
Birect Telephone Calls To: Thereby declare that all statements made belief are believed to be true; and further like so made are punishable by fine or in such willful false statements may jeopard	that these statements we aprisonment, or both, ur	wledge are true and are made with the k ander section 1001 o	I that all statement that all statement that we have that we have the statement of the stat	ents made on information and villful false statements and the United States Code, and that			
Typewritten Full Name of Sole or First Inventor: Glenr	E. Lee	Citi	zenship:	US			
Inventor's signature:		Dat	te of Signature:				
Residence: (City) Freme	ont	(Sta	ite/Country) _	CA/US			
Post Office Address: 44639	Parkmeadow Drive, Fr	remont, CA 94539					
Inventor's signature:	k S. King 15 ky	Dat	zenship:	US 6/3/99			
Residence: (City)Stow		(Sta	ite/Country) _	CA/US			

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